



Winter Weather to Impact Michigan



January 8-9, 2015

Event Summary

Travel Impacts Thursday into Friday

Worst Conditions Thursday Evening

Snow and Strong Winds

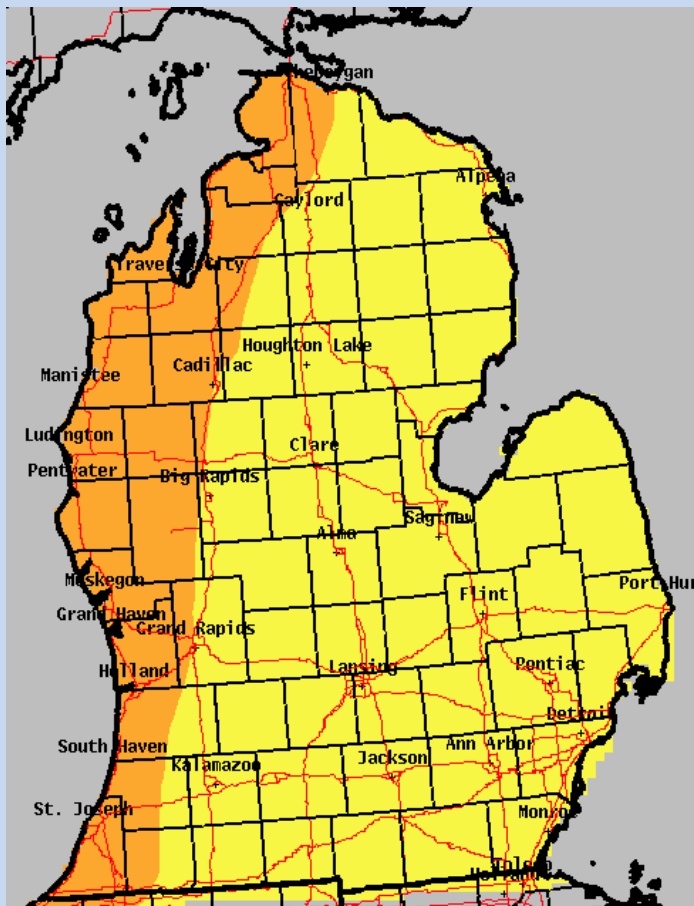
Very Low and Rapidly Changing Visibility

Continued Very Cold Wind Chills

Time to Frostbite from Exposure

Less than 30 Minutes

Ice Jam Flooding Potential Increasing



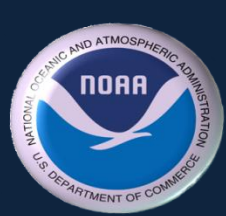
Immediate – Life Saving Action

Be Prepared – Major Actions

Be Aware – Minor Actions

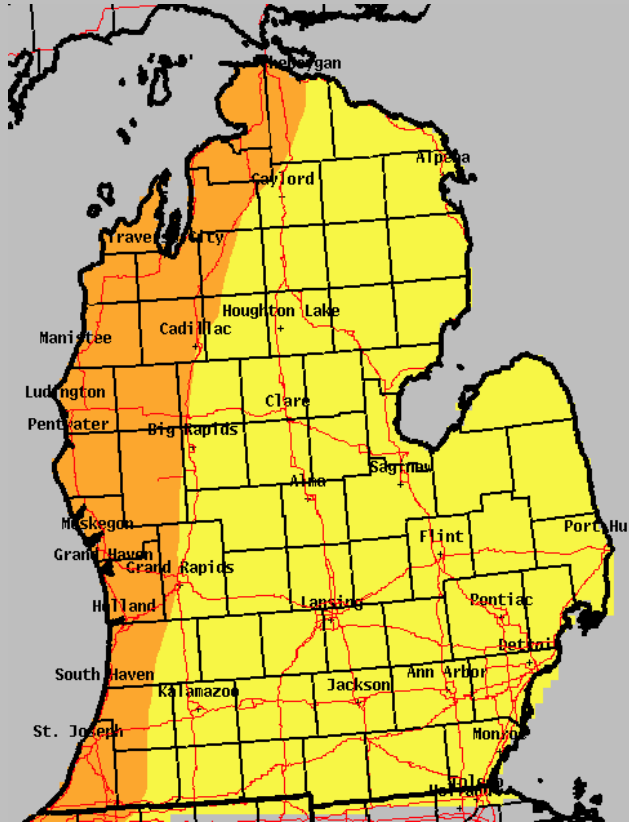
Little to No Action

Created: Wednesday, January 07, 2015 – 100 PM



Winter Storm Expected

Thursday Afternoon into Friday Morning



Including: Ludington, Muskegon, Grand Haven, Holland, South Haven, Allegan, St. Joseph

Expected Impacts

Dangerous Travel
Especially Along the Lake Shore

Blowing Snow and Zero Visibility
Drifting Snow Over Roads

Highway, Business, School Closures

Time to Frostbite from Exposure to Cold
Less Than 30 Minutes

Possible Impacts

Travel Delays into the Weekend

Snow

Heavy Snow at Times
6-10 inches, Locally Higher Amounts
2 Inches/Hour Possible Thursday Night

Ice Accumulation

None Expected

Temperatures and Wind

Lows Less than 10° Above Zero
Strong Winds
From the West/Southwest

Immediate – Life Saving Action

Extremely Life Threatening
Everything Will be Shut Down Possibly for Days or Weeks

Be Prepared – Major Actions

Expect Dangerous Conditions
Expect Major Disruption of Normal Activities

Be Aware – Minor Actions

Caution – Especially When Travelling
Plan to Be Inconvenienced

Little to No Action

Little to No Impact on Daily Life
Plan on Minor Inconvenience

Will This Happen?

Near Certain



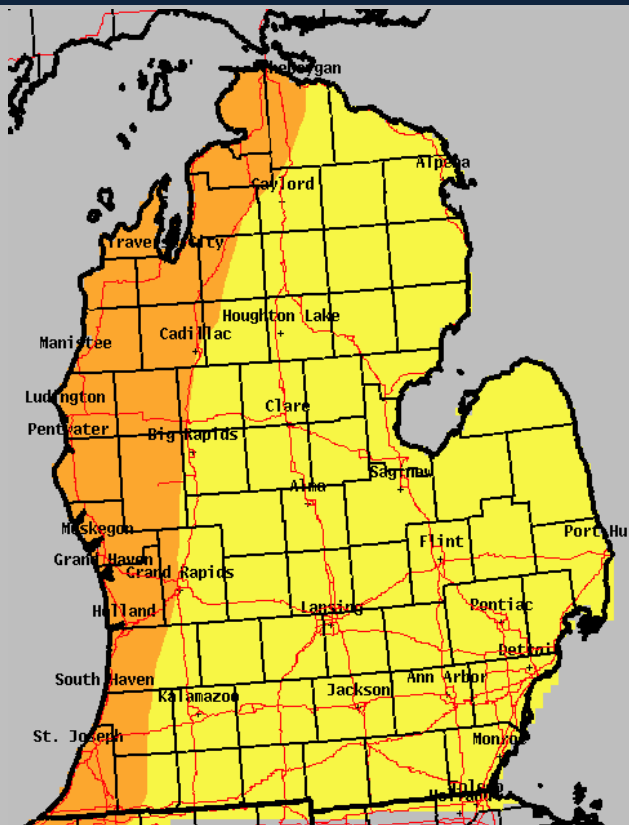
Better than 50/50 Chance

Unlikely



Winter Weather Expected

Thursday Afternoon into Friday Morning



Including: Big Rapids, Mt. Pleasant, Alma, Grand Rapids, Lansing, Kalamazoo, Jackson

Expected Impacts

**Hazardous Travel – Very Slow Speeds
Numerous Accidents**

**Blowing Snow and Near Zero Visibility
Drifting Snow Over Roads**

**Time to Frostbite from Exposure to Cold
Less Than 30 Minutes**

Possible Impacts

**Event Cancellations and School Closures
Flight Delays**

Snow

**Moderate Snowfall at Times
Several Inches Near US 131, Less East
Greatest Snowfall Thursday PM**

Ice Accumulation

None Expected

Temperatures and Wind

**Lows Less than 10° Above Zero
Strong Winds
From the West/Southwest**

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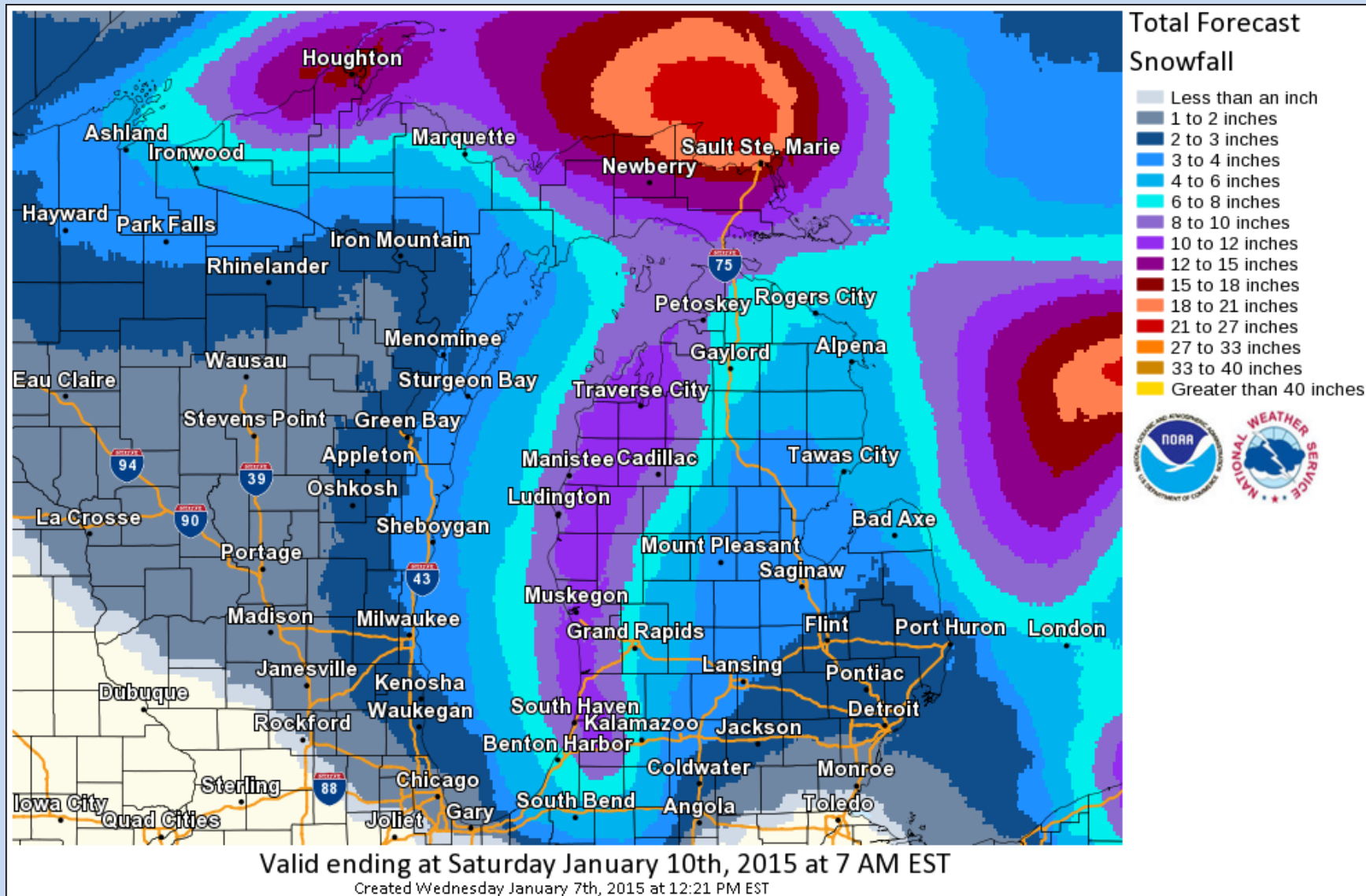


Better than 50/50 Chance

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Forecast Snow Totals Through Early Saturday

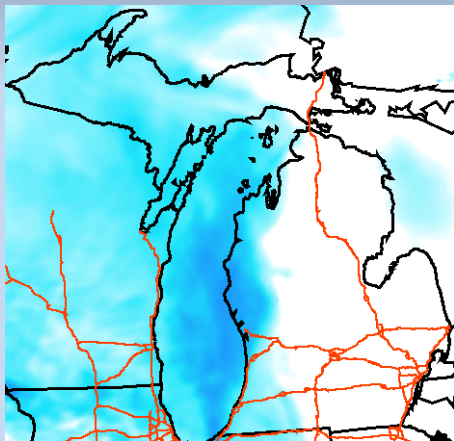




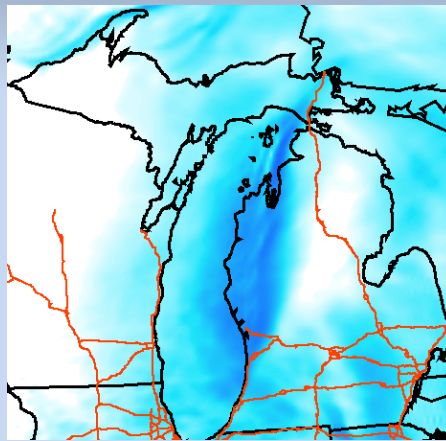
When Winter Weather is Expected



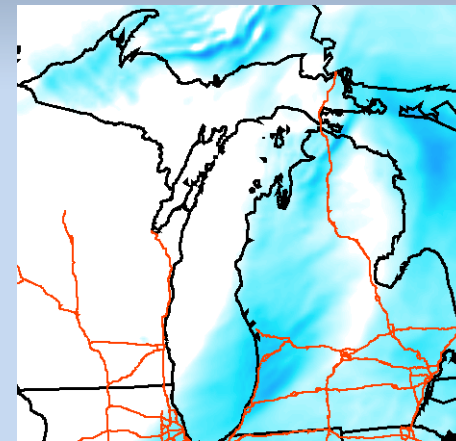
**Weather Radar Forecast
4pm Thursday**



**Weather Radar Forecast
9pm Thursday**



**Weather Radar Forecast
1am Friday**



Starting

Snow Spreads West to East After 1pm

**Worst Weather
Expected**

4pm Thursday to 1am Friday

Ending

Light Snow Will Continue into the Weekend, Especially Near Lake Michigan

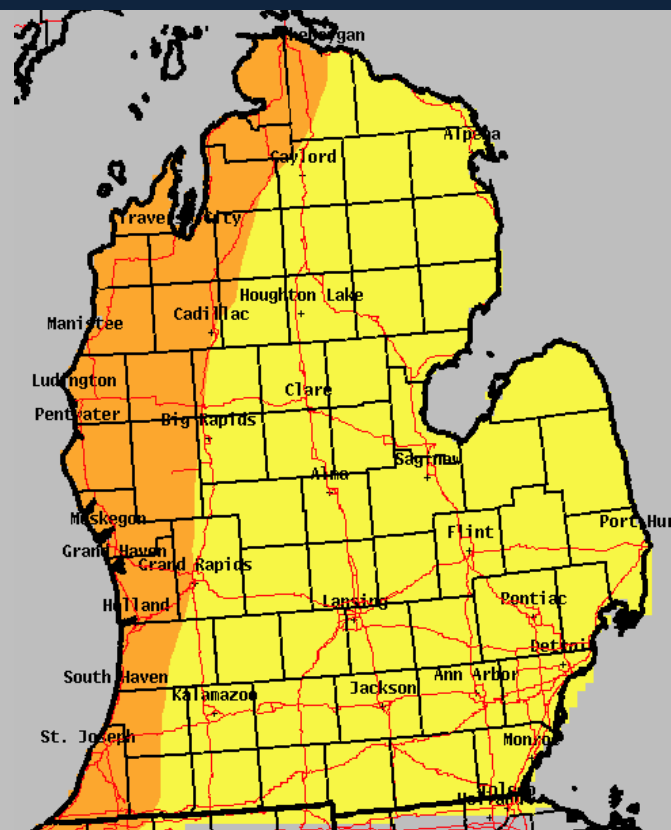
**Commutes
Affected**

**Greatest Expected Impact: Thursday Evening and Thursday Night
Also Impacting: Friday Morning Commute, Especially Along the Lake Shore**



Winter Weather Impact Summary

For: January 8-9, 2015



**Impacts to Travel Through Friday Morning
6-10 Inches (Locally Higher) Near the Lake Shore,
Gradually Decreasing Amounts Further Inland**

Expected Impacts

**Dangerous Travel
Especially Along the Lake Shore**

**Blowing Snow and Zero Visibility
Drifting Snow Over Roads**

Highway, Business, School Closures

**Time to Frostbite from Exposure to Cold
Less Than 30 Minutes**

Expected Impacts

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Numerous Accidents**

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Possible Impacts

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Flight Delays**

Possible Impacts

Travel Delays into the Weekend

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For Additional Information



Links Below are Clickable in PDF File of the Briefing



Winter Weather Briefing Slides

www.weather.gov/grandrapids/webinars

Regional Weather Radar Loop

www.weather.gov/radar

Additional Winter Forecast Information

<http://go.usa.gov/RE6>

Hazard Summary Page

www.crh.noaa.gov/hazards/grr

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643



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